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Released Weekly April - November

2004 Weather Crop 12

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Week Ending June 20, 2004

*The weekly temperatures and precipitation on the back page of the 06/21/04 bulletin were incorrect and have now been updated. We apologize for any inconvenience this may have caused.*

WHEAT HARVEST ADVANCES

Tennessee farmers experienced scattered showers and thunderstorms during much of last week resulting in only 4 days suitable for field work. Despite the rainfall, wheat harvest advanced 29 percentage points ahead of the previous week. Progress is currently about a week ahead of last year, but slightly behind the 5-year average. The State’s corn crop continues to be rated in good-to-excellent condition as the recent moisture has set the stage by providing ideal growing conditions. As of Sunday, 35 percent of the corn acreage had reached the silking or beyond stage. Soybeans planted, at 85 percent, continues to outpace last year and the normal schedule. Over half of the cotton acreage had squared by week’s end with the crop rated in mostly good condition. Other agricultural activities taking place last week included transplanting tobacco and spraying for insects and weeds. Temperatures averaged above normal across the State for the week, while rainfall averaged above normal in East Tennessee but below normal across the remainder of the state. As of Friday, topsoil moisture levels were rated 6 percent short, 76 percent adequate, and 18 percent surplus. Subsoil moisture levels were rated 7 percent short, 82 percent adequate, and 11 percent surplus.

CROP PROGRESS: Through June 20, 2004					CONDITION: On June 18, 2004					
Crop	This Week	Last Week	2003	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Exc
Percent					Percent					
Corn Silking or Beyond	35	N/A	22	22	Corn	0	3	16	50	31
Winter Wheat - Ripe	99	87	94	97	Cotton	0	2	14	64	20
Winter Wheat - Harvested	54	25	21	60	Soybeans	0	2	13	66	19
Cotton - Squaring	59	25	18	42	Tobacco	0	3	22	60	14
Soybeans - Planted	85	81	66	80	Alfalfa Hay	0	1	18	68	13
Soybeans - Emerged	74	66	50	66	Other Hay	0	5	23	60	12
Tobacco - Transplanted	89	83	84	92	Pastures	0	3	19	61	17
Alfalfa Hay - Second Cutting	11	N/A	8	11						
Other Hay - First Cutting	91	87	86	94						

**CORN:** The corn crop has benefitted from the timely rains, as almost a third of the crop was rated in excellent condition. Development was ahead of normal with no major insect or disease problems being reported at this time.

**WHEAT:** Producers made excellent progress with harvest again last week despite scattered showers and thunderstorms. Over half of the crop has been harvested with above average yields reported in many areas.

**COTTON:** Mild temperatures and ample moisture allowed the cotton crop to develop at a pace ahead of last year and the 5-year average. An additional 34 percent of the acreage reached the squaring stage last week.

**SOYBEANS:** Currently, 85 percent of the soybean acreage has been planted, outpacing last year and the normal schedule. Eighty-five percent of the crop was rated in good-to-excellent condition with nearly three-fourths emerged.

**TOBACCO:** As of Sunday, 89 percent of the intended acreage had been transplanted, ahead of last year, but slightly behind normal. Although there have been reports of blue mold and black shank in some fields, the majority of the crop continues to be rated in good condition.

**PASTURES & HAY:** Growers are wrapping-up with their cutting of hay. Hay acreage has remained in mostly good condition throughout the growing season. Pastures have shown good growth due to the recent rainfall and continued to be rated in mostly good condition.

TEMPERATURES AND PRECIPITATION For week ending: 06/20/04(with comparisons)										
LOCATION	TEMPERATURE				PRECIPITATION				GDD BASE 60F	
	Week Ending 06/20/04				Current Week 06/20/04	Rain Days	Current Since January 1	Departure From Normal	Since April 1	
	HI	LO	AVG	DFN					Total	DFN
Ames_Plantation	91	66	79	+3	3.05	4	28.61	+1.66	823	+116
Tri-City_RGNL_A	86	62	75	+4	2.14	5	22.74	+2.82	600	+209
Brownsville_TN	92	67	80	+3	1.76	5	26.44	-0.64	888	+338
Chattanooga/Lov	90	69	80	+4	0.91	4	19.84	-6.94	849	+251
Clarksville_Sew	90	61	78	+4	1.86	6	21.69	-3.45	822	+250
Cookeville	89	62	76	+4	2.09	5	32.69	+4.74	650	+351
Covington	92	66	78	+2	3.14	4	25.30	-1.54	784	+87
Crossville_AP	85	61	75	+5	0.27	5	26.89	-0.90	593	+231
Dickson_AG	88	61	75	+1	1.17	3	32.61	+5.51	658	+53
Dover_1W	89	60	77	+3	1.42	5	22.61	-3.51	755	+258
Dyersburg	91	66	79	+1	1.10	3	21.50	-3.59	872	+107
Erwin_1W	88	65	76	+7	0.88	6	20.44	-2.88	557	+71
Huntingdon_Wate	90	63	78	+3	3.23	5	28.88	+2.59	795	+268
Jackson_Exp_Stn	91	66	79	+4	0.90	4	25.97	-0.76	848	+197
Kingston_AG	89	63	78	+6	1.64	6	26.31	-2.55	689	+259
Knoxville_AP	89	66	78	+5	1.84	3	22.07	-1.83	794	+295
Lewisburg	91	64	78	+5	0.46	3	26.89	-0.67	770	+269
Lexington_TN	90	64	78	+3	1.23	6	28.80	+3.33	775	+456
Linden	90	61	77	+4	1.02	4	29.34	+1.04	713	+184
Martin	91	61	78	+3	1.62	3	24.27	-1.75	813	+201
Mc_Minnville_Tn	89	64	78	+4	1.33	4	27.02	+0.15	779	+75
Memphis_AG	94	67	80	-1	1.60	4	27.06	+0.60	870	+2
Milan	90	64	78	+3	2.12	3	24.85	-2.28	806	+208
Murfreesboro_5N	89	62	78	+4	1.30	4	26.09	-0.22	771	+52
Nashville_Metro	89	64	78	+3	0.34	6	30.69	+6.68	832	+192
Newcomb	87	60	76	+7	1.72	4	24.96	-1.79	578	+265
Oneida	87	60	76	+7	0.46	2	25.89	-0.86	615	+42
Pikeville	89	63	78	+5	0.59	4	22.06	-4.98	718	+231
Portland_TN	89	60	77	+4	1.18	5	32.78	+6.69	739	+247
Pulaski_Water_P	88	64	77	+1	1.48	5	29.17	+1.39	733	+77
Savannah_6SW	92	65	77	+1	1.71	5	29.23	-0.33	868	+315
Sparta_TN	91	61	78	+6	0.74	3	29.11	+1.94	834	+408
Springfield	89	59	77	+4	0.56	3	27.40	+2.44	755	+264
Springhill	92	61	78	+5	1.47	6	30.64	+2.74	796	+309
Union_City	91	62	77	+2	2.07	2	24.50	-1.53	745	+151
Waynesboro_TN	91	64	77	+5	1.02	6	26.16	-3.14	723	+103

DFN = Departure From Normal (Using 1961-90 Normals Period).    GDD = Growing Degree Days.  
 Precipitation Days = Days with precip of 0.01 inch or more.    Precipitation (rain or melted snow/ice) in inches.  
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